

2.3 Function Notation

Evaluate each using the values given.

- 1) $p + q + p$; use $p = 1$, and $q = 5$
- 2) z^2x ; use $x = 5$, and $z = 3$
- 3) $x - y + y + y$; use $x = 4$, and $y = 2$
- 4) $z + (x - y) \div 2$; use $x = 3$, $y = 1$, and $z = 6$
- 5) $y - xy(z - z)$; use $x = 6$, $y = 2$, and $z = 5$
- 6) $6 - (p - (r - r)^3)$; use $p = 1$, and $r = 1$
- 7) $x^2(x - y) + 3 + y$; use $x = 3$, and $y = 1$
- 8) $k(k - (k - 2))(2 + h)$; use $h = 5$, and $k = 3$

Evaluate each function.

- 1) $f(n) = 3n - 5$; Find $f(10)$
- 2) $g(x) = 4x - 1$; Find $g(5)$
- 3) $w(x) = -2x$; Find $w(8)$
- 4) $f(x) = x - 1$; Find $f(-4)$
- 5) $g(x) = -3x - 4$; Find $g(-6)$
- 6) $g(a) = 4a + 4$; Find $g(5)$
- 7) $h(n) = n^2 + 5n$; Find $h(-7)$
- 8) $k(t) = t^3 - t^2$; Find $k(-4)$
- 9) $f(t) = t^2 - 1$; Find $f(2)$
- 10) $f(n) = n^2 + n$; Find $f(-4)$
- 11) $w(a) = a^2 - a$; Find $w(3)$
- 12) $f(a) = a^3 + 2a^2$; Find $f(4)$

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